

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23689Serial No.  
10/646,788INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Hiroshi NOMURAFiling Date  
August 25, 2003Group  
2872

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Al</i>	2004	/0	0	4	2	0	9	5	03/04/04	NOMURA			
<i>Al</i>	2004	/0	0	4	2	0	9	3	03/04/04	NOMURA			
<i>Al</i>	2004	/0	0	6	2	5	3	6	04/01/04	NOMURA			
<i>Al</i>	2004	/0	0	5	1	9	6	8	03/18/04	NOMURA			
<i>Al</i>	2004	/0	0	5	1	9	7	0	03/18/04	NOMURA			
<i>Al</i>	2004	/0	0	6	2	5	3	7	04/01/04	NOMURA			
<i>Al</i>	2004	/0	0	5	1	9	7	2	03/18/04	NOMURA			
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<i>Al</i>	2004	/0	0	4	2	0	8	9	03/04/04	NOMURA			
<i>Al</i>	2004	/0	0	5	1	9	7	1	03/18/04	NOMURA			
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<i>Al</i>	2004	/0	0	4	2	7	7	8	03/04/04	NOMURA			
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<i>Al</i>		4	5	2	5	0	5	0	06/25/85	OHASHI			
<i>Al</i>		4	6	4	3	5	5	5	02/17/87	WAKABAYASHI			
<i>Al</i>		4	7	2	1	9	7	2	01/26/88	WAKABAYASHI			
<i>Al</i>		4	7	9	2	8	2	2	12/20/88	AKIYAMA et al.			
<i>Al</i>		5	8	1	8	6	4	7	10/06/98	NISHIO et al.			
<i>Al</i>		6	0	3	1	9	9	8	02/29/00	SHONO			
<i>Al</i>		4	4	5	1	1	2	9	05/29/84	IKARI et al.			
<i>Al</i>		4	6	4	3	5	5	4	02/17/87	OGAWA			

EXAMINER

DATE CONSIDERED

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)				Applicant Hiroshi NOMURA					
				Filing Date August 25, 2003		Group 2872			
<b>U.S. PATENT DOCUMENTS</b>									
EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	7	7	1	3 0 3	09/13/88	MATSUMOTO et al.	
		4	8	8	7	1 0 7	12/12/89	NAKAMURA et al.	
		5	1	3	6	3 2 4	08/04/92	TSUBOI et al.	
		5	7	6	5	0 4 9	06/09/98	HASE et al.	
		5	8	3	2	3 2 6	11/03/98	TANAKA	
		6	3	6	6	3 2 3	04/02/02	SHONO	
		6	1	1	5	1 9 0	09/05/00	HIRAI	
		6	0	6	4	5 3 3	05/16/00	KENIN et al.	
	2003	0	0	8	1	3 2 5	05/01/03	NOMURA et al.	
	2001	0	0	2	4	5 7 3	09/27/01	NOMURA et al.	
	2002	0	1	3	5	9 0 0	09/26/02	NOMURA et al.	
		6	0	7	5	6 5 5	06/13/00	FUNAHASHI et al.	
	2002	0	1	3	5	9 0 1	09/26/02	NOMURA et al.	
	2003	0	0	8	1	3 2 7	05/01/03	NOMURA et al.	
	2002	0	1	3	5	8 9 6	09/26/03	NOMURA et al.	
		6	0	5	5	1 1 6	04/25/00	NOMURA et al.	
		6	2	0	4	9 7 7	03/20/01	IWASA	
		5	4	3	0	5 1 6	07/04/95	UZIIE et al.	
	2003	0	0	8	1	9 4 8	05/01/03	NOMURA et al.	
	2001	0	0	1	9	4 5 8	09/06/01	NOMURA et al.	
		4	9	9	3	8 1 5	02/19/91	YAMAZAKI et al.	
		5	7	3	1	9 1 3	03/24/98	IMANARI	
		5	7	3	9	9 6 2	04/14/98	ASAKURA et al.	
	2003	0	1	5	6	8 3 2	08/21/03	NOMURA et al.	
		5	5	8	7	7 5 4	12/24/96	KATAYAMA et al.	
EXAMINER						DATE CONSIDERED <u>9/17/04</u>			
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				Filing Date August 25, 2003		Group 2872	

  

FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
		YES	NO											
	5	8	1	4	5	9	3	0	08/31/83	JAPAN				
	6	1	-	6	9	0	0	2	04/09/86	JAPAN				
	6	1	2	7	0	7	3	7	12/01/86	JAPAN				
	6	3	1	4	9	6	2	9	06/22/88	JAPAN				
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	11	-	1	0	9	2	0	3	04/23/99	JAPAN				
	5	8	-	1	0	7	0	8	01/21/83	JAPAN				
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	2		2	6	2	3	5	6	06/16/93	UNITED KINGDOM				
	2003	-	2	0	7	7	0	9	07/25/03	JAPAN				
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	2		3	4	4	6	6	2	06/14/00	UNITED KINGDOM				
	2		2	6	1	2	9	8	05/12/93	UNITED KINGDOM				
	2002	-	2	7	7	7	1	9	09/25/02	JAPAN				
	10	-	2	8	2	3	9	4	10/23/98	JAPAN				
	58	-	1	6	2	9	1	4	09/27/83	JAPAN				
	0		6	3	4	6	8	0	01/18/95	E.P.O.				

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	1 English Language Abstract of JP 58-10708.
	2 English Language Abstract of JP 2003-207709.
	3 English Language Abstract of JP 2002-277719.
	4 English Language Abstract of JP 10-282394.
	5 English Language Abstract of JP 58-162914.

  

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